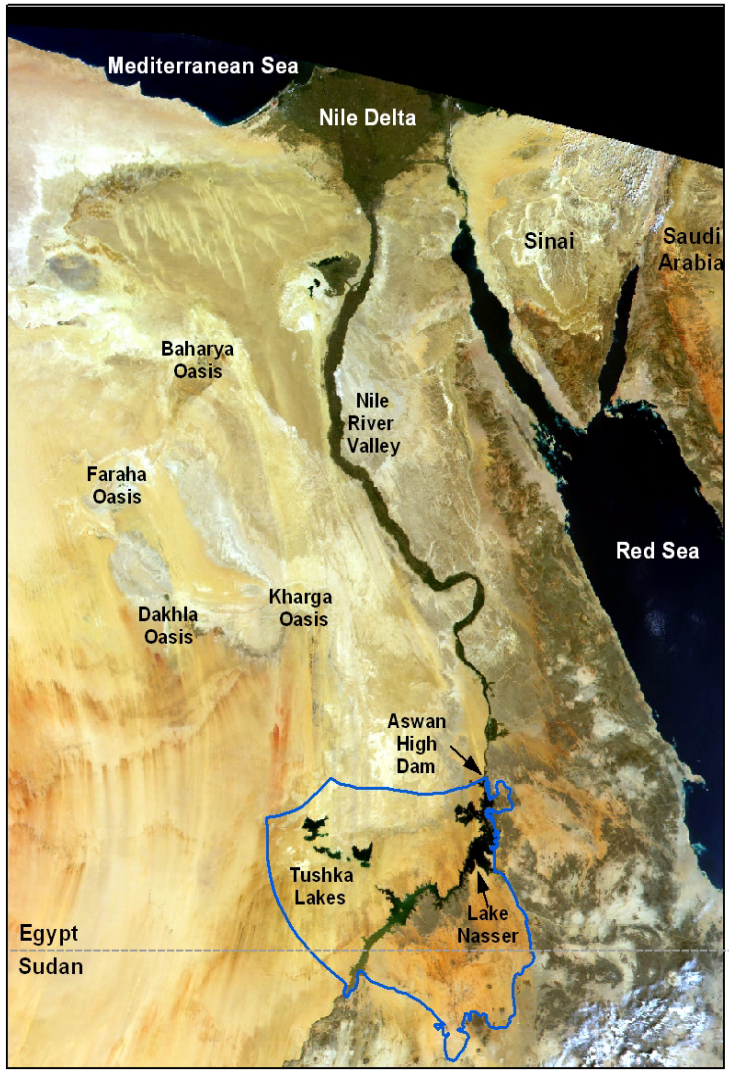
INTEGRATED WATER RESOURCES ASSESSMENT FOR SUSTAINABLE DEVELOPMENT IN THE ARID AREA

- Geologic and hydrologic characterization for hydrologic systems analysis
- Investigation and simulation of surface water and groundwater interaction
- Identification and quantification of renewable water resources by integrating remote sensing, isotope, and field hydrologic data
- Development of a continuous simulator for a watershed-based regional hydrologic system



This research has being been in collaboration with Western Michigan University, University at Buffalo (SUNY), and University of Illinois at Chicago